7963  
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PTC/S2/106 (3-96)  
Approved for use through 2/28/03. CMB 051-0022  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
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## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の元明者として、私は以下の通り主張します。

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

下記の名前が元明に關して請求範囲に記載され、特許出願している元明内容について、私が最初かつ唯一の元明者（下記の氏名が一つの場合）もしくは最初かつ共同元明者であると（下記の名前が複数の場合）信じています。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### APPARATUS FOR DETECTING COMPRESSION TOP DEAD CENTER OF AN ENGINE

the specification of which is attached hereto unless the following box is checked:

一月一日に提出され、米国出願番号または特許協定条約  
出願出願番号を\_\_\_\_\_とし。  
(該当する場合) \_\_\_\_\_に訂正されました。

was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Japanese Language Declaration (日本語宣言)

私は、米国法典第35篇119条(a)-(d)項又は365条(b)項に並び下記の、米国以外の国の少なくとも一つを指定している特許協力条約365条(a)項に並びく国際出願、又は外國での特許出願もしくは発明者証の出願についての外國従先権をここに主張するとともに、既先権を主張している。本出願の前に出願された特許または発明者証の外國出願を以下に、各内をマークすることで、示しています。

**Prior Foreign Application(s)**

外国での先行出願

Pat. 2002-184577Japan

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**Priority Not Claimed**

既先権主張なし

(Number)  
(番号)(Country)  
(国名)(Day/Month/Year Filed)  
(出願年月日)

私は、第35編米国法典119条(e)項に並びて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Application No.)  
(出願番号)(Filing Date)  
(出願日)

私は、下記の米国法典第35篇120条に並びて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に並びく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35篇112条第1項又は特許協力条約で規定された方針で先行する米国特許出願に開示されていない限り、その先行米国出願と本出願以後で本出願の日本国内または特許協力条約係出日までの期間中に入手された、連邦規則法典第37篇1条56条で定義された特許文書の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Status: Patented, Pending, Abandoned)  
(現況: 特許可済、保属中、放棄済)(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Status: Patented, Pending, Abandoned)  
(現況: 特許可済、保属中、放棄済)

私は、私自身の知識に基いて本宣言書内で私が行なう声明が真実であり、かつ私の入手した情報と私の信じるところに基づく声明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同様の行為は米国法典第18篇第1001条に基づき、罰金または拘禁、もしくはその両方に上り処罰されること、そしてそのような故意による虚偽の声明を行なえば、出頭した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣言を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、不出頭に認する一切の手続を米特許商標局に対して遂行する元請人または代理人として、下記の者を指名いたします。 (弁護士、または代理人の氏名及び登録番号を明記のこと)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

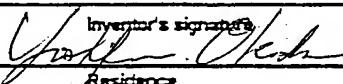
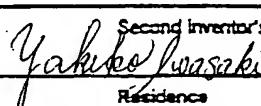
William H. Logsdon	22,132	Barbara E. Johnson	31,198	Lester N. Fortney	38,141
Russell D. Orkin	25,363	Paul M. Reznick	33,059	Randall A. Notzen	36,882
David C. Hanson	23,024	John W. McIlvaine	34,219	Jewssse A. Hirshman	40,016
Frederick B. Ziesenhein	19,438	Michael I. Shamos	30,424	James G. Porcelli	33,757
Richard L. Byrne	28,498	Blynn L. Shideler	35,034	Kent E. Baldauf, Jr.	36,082
Kent E. Baldauf	25,826	Julie W. Meder	36,216		

書類送付先 Send Correspondence to:

Russell D. Orkin,  
700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

直接電話連絡先 : (名前及び電話番号)  
Direct Telephone calls to: (name and telephone number)

Russell D. Orkin (412) 471-8815

唯一または第一発明者名		Full name of sole or first inventor	
		Yoshifumi OKUDA	
発明者の署名	日付	Inventor's signature	Date
		 June 16, 2003	
住所		Residence	
		Gamo-gun, Shiga-ken, Japan	
国籍		Citizenship	
		Japanese	
私書箱		Post Office Address	
		c/o DAIFUKU CO., LTD., Shigajigyo-sho,	
		Nakazaiji 1225, Hinocho, Gamo-gun, Shiga-ken, Japan	
第二共同発明者		Full name of second joint inventor, if any	
		Yahiko IWASAKI	
第二共同発明者		日付	Second Inventor's signature
		 June 16, 2003	
住所		Residence	
		Gamo-gun, Shiga-ken, Japan	
国籍		Citizenship	
		Japanese	
私書箱		Post Office Address	
		c/o DAIFUKU CO., LTD.; Shigajigyo-sho,	
		Nakazaiji 1225, Hinocho, Gamo-gun, Shiga-ken, Japan	

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

7963  
2

PTC/S2A105 (8-96)

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
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## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り主張します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の氏名が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### APPARATUS FOR DETECTING COMPRESSION TOP DEAD CENTER OF AN ENGINE

上記元用の明細書（下記の横でx印がついていない場合は、本文に添付）は、

the specification of which is attached hereto unless the following box is checked:

二月一日に提出され、米国出願番号または特許登録条約  
日本出願番号を\_\_\_\_\_とし、  
(該当する場合) \_\_\_\_\_に訂正されました。

was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、  
内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of  
the above identified specification, including the claims, as  
amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるところ、  
特許文書の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to  
patentability as defined in Title 37, Code of Federal Regulations,  
Section 1.56.

## Japanese Language Declaration (日本語宣言書)

私は、米国法典第35篇119条(a)-(d)又は365条(b)項に並び下記の、米国以外の国の少なくとも一ヶ国を指定している特許協力条約365条(a)項に並びく出願出願、又は外国での特許出願もしくは発明者証の出願についての外國優先権をここに主張するとともに、優先権を主張している。出願の前に出願された特許または発明者証の外國出願を以下に、右内をマークすることで、示しています。

### Prior Foreign Application(s)

#### 外国での先行出願

Pat. 2002-184577 Japan

(Number) (番号)	(Country) (国名)
------------------	-------------------

私は、第35篇米国法典119条(e)項に並びて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35篇120条に並びて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に並びく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35篇112条第1段又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書類出日以後で本出願書の日本国内または特許協力条約国提出日までの期間中に入手された、連邦規則法典第37篇1条56項で定義された特許実務の有効に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
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(Application No.) (出願番号)	(Filing Date) (出願日)
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私は、私自身の知識に並びて本宣言書で私が行なう声明が真実であり、かつ私の入手した情報と私の信じるところに並びく声明が全て真実であると信じていること、さらに故意にされた虚偽の表明及びそれと同様の行為は米国法典第18篇第1001条に並びき、罰金または拘禁、もしくはその両方に上り処罰されること、そしてそのような改変による虚偽の声明を行なえば、出頭した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣言を致します。

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#### Priority Not Claimed

#### 優先権主張なし

25/June/2002

(Day/Month/Year Filed) (出願年月日)
-----------------------------------

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.58 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned) (現況: 特許可済、係属中、放棄済)
--

(Status: Patented, Pending, Abandoned) (現況: 特許可済、係属中、放棄済)
--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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### Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に要する一切の手続を米特許商標局に対して遂行する弁護士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

William H. Logsdon	22,132	Barbara E. Johnson	31,198	Lester N. Fortney	38,141
Russell D. Orkin	25,363	Paul M. Reznick	33,059	Randall A. Notzen	36,882
David C. Hanson	23,024	John W. McIlvaine	34,219	Jewesse A. Hirshman	40,016
Frederick B. Ziesenhein	19,438	Michael I. Shamos	30,424	James G. Porcelli	33,757
Richard L. Byrne	28,498	Blynn L. Shideler	35,034	Kent E. Baldauf, Jr.	36,082
Kent E. Baldauf	25,826	Julie W. Meder	36,216		

書類送付先

Send Correspondence to:

Russell D. Orkin,  
700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

直接電話連絡先：  
(名前及び電話番号)

Direct Telephone calls to: (name and telephone number)

Russell D. Orkin (412) 471-8815

唯一または第一発明者名		Full name of sole or first inventor	
		YUZO UOTANI	
発明者の署名	日付	Inventor's signature	Date
		<i>Yuzo Uotani</i>	June 16, 2003
住所		Residence	
		Aki-gun, Hiroshima-ken, Japan	
国籍		Citizenship	
		Japanese	
私書箱		Post Office Address	
		c/o MAZDA MOTOR CORPORATION, Shinchi 3-1,	
		Fuchucho, Aki-gun, Hiroshima-ken, Japan	
第二共同発明者		Full name of second joint inventor, if any	
		Kenji NAKATSU	
第二共同発明者	日付	Second Inventor's signature	Date
		<i>Kenji Nakatsu</i>	June 16, 2003
住所		Residence	
		Aki-gun, Hiroshima-ken, Japan	
国籍		Citizenship	
		Japanese	
私書箱		Post Office Address	
		c/o MAZDA MOTOR CORPORATION, Shinchi 3-1	
		Fuchucho, Aki-gun, Hiroshima-ken, Japan	

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

(日本語宣誓書) Japanese Language Declaration

第三共同発明者		Full name of 3rd joint inventor, if any Satoshi MIYAHIRA	
発明者の署名	日付	Third inventor's signature	Date June 16, 2003
住所	Residence Aki-gun, Hiroshima-ken, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o MAZDA MOTOR CORPORATION, Shinchi 3-1, Fuchucho, Aki-gun, Hiroshima-ken, Japan		
第四共同発明者		Full name of 4th joint inventor, if any	
発明者の署名	日付	4th inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第五共同発明者		Full name of 5th joint inventor, if any	
発明者の署名	日付	5th inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第六共同発明者		Full name of 6th joint inventor, if any	
発明者の署名	日付	6th inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		